



## BRIEF SUMMARY

My academic journey reflects my commitment to acquiring a deep understanding of technology and its applications. One of my standout strengths lies in my proficient knowledge of Python tools, allowing me to harness the power of this versatile programming language for various applications. Additionally, I have diligently honed my problem-solving skills, reaching a commendable beginner level. Through consistent practice and exposure to challenges, I am gradually enhancing my ability to dissect complex problems and devise effective solutions.

And I'm currently learning javascript and its frameworks, My future expectation is to work on blockchain field and learn more about the upcoming versions of web...

## KEY EXPERTISE

python Selenium WebDriver Data Analytics Pandas API Flask Web Scraping sqlalchemy sqlite

## EDUCATION

**Sri Sivasubramaniya Nadar College of Engineering** 2021 - 2025  
B.Tech. - Information Technology | CGPA: 7.54 / 10.00

**Psg polytechnic college, Aruppukkottai** 2022  
Diploma | Diploma - Information Technology - Information Technology | Dot | Percentage: 90.50 / 100.00

**Saliyar mahajana higher secondary school, Aruppukkottai** 2020  
12<sup>th</sup> | SSLC | Percentage: 66.33 / 100.00

**Saliyar mahajana higher secondary school, Aruppukkottai** 2018  
10<sup>th</sup> | SSLC | Percentage: 84.20 / 100.00

**Course Works - Key Courses Taken :**  
PDP - Programming and Design Patterns using python  
Database Technology  
ADSA - Advanced data structure and algorithm analysis using python  
Data communication and Networks

**Labs :**  
Programming and design patterns lab,  
Advanced data structures and algorithms lab,  
Database Technology Lab,  
Data Communications and Networks Lab

## PROJECTS

**En-Route Route optimizer - website** 01 Mar, 2023 - 01 Jun, 2023  
**Mentor:** Dr.Sandhanakaruppan | **Team Size:** 3  
**Key Skills:** Python API Testing DSA Javascript Flask Password hashing salting SQLi SQL alchemy

The user has to create an account, after logged in with the account a prompt will appear asking the user to enter the source and destinations. The configured requests will change it to latitude and longitude and find the shortest path from source to all points and visiting source again using branch and bound technique. The result will be displayed in the map, the user can also view the route in google maps using the specified option.

**Room-Hive Website** 10 Jan, 2023 - 12 Apr, 2023  
**Team Size:** 3  
**Key Skills:** python Javascript api flask csv pandas dsa

Room-Hive is an efficient hotel search and booking assistant that simplifies the process of finding and booking nearby hotels. The project offers a user-friendly web interface with a user registration page, utilizing MySQL for database management. Through an integrated API, users can search for hotels near their location, filter search results based on preferences, and save the filtered information to a CSV file for offline reference and the details will be send to the user's telegram.

**Favorite movie website using flask** 08 Feb, 2023 - 13 Feb, 2023  
**Team Size:** 1  
**Key Skills:** python Flask CSV HTML5 Bootstrap

**Project Link:** <https://github.com/Vishwaa-Arumugam/Favourite-movie-website-using-Flask>

This mini project is based on a simple movie website like letterboxd and flickthread etc, it may not full fledgedly completed like the other websites but it has some cool features like adding the movie name with the image that present in the imdb website itself. Another capstone project by me.... only.....

### Voice assistant using Python

01 Jan, 2022 - 03 May, 2022

**Mentor:** Preethi G | **Team Size:** 4

**Key Skills:** python Selenium WebDriver nlp

**Project Link:** <https://github.com/Vishwaa-Arumugam/Voice-Assistant-Using-python>

The main motive of this project is developed for physically challenged person. In this project we have developed a static voice assistant using python which will perform operations like copy and paste files from one location to another location, to send a message to the users mobile also order pizza and mobile using voice commands.

## PUBLICATIONS / RESEARCH / WHITE PAPERS

### Voice Assistant using Artificial Intelligence

31 May, 2022

backend application | IJERT | **Mentor:** Preethi G | **No. of Authors:** 4

**Key Skills:** python basic knowledge about nlp Selenium WebDriver PyQt

The main motive of this project is developed for physically challenged person. In this project we have developed a static voice assistant using python which will perform operations like copy and paste files from one location to another location, to send a message to the users mobile also order pizza and mobile using voice commands.

## ASSESSMENTS / CERTIFICATIONS

### CCNA

12 Jun, 2025

**Key Skills:** CCNA Cisco Packet Tracer WireShark Socket Programming

## EXTRA CURRICULAR ACTIVITIES

- athletics, football.

## PERSONAL INTERESTS / HOBBIES

- Music

## WEB LINKS

- Github - <https://github.com/Vishwaa-Arumugam>

## PERSONAL DETAILS

**Gender:** Male

**Current Address:** 115/116 virudhunagar main road, aruppukottai, Aruppukkottai, Tamil Nadu, India - 626101

**Emails:** vishwaa2112054@ssn.edu.in , vishwaa1528@gmail.com

**Date of Birth:** 14 Jan, 2003

**Known Languages:** Tamil, English

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